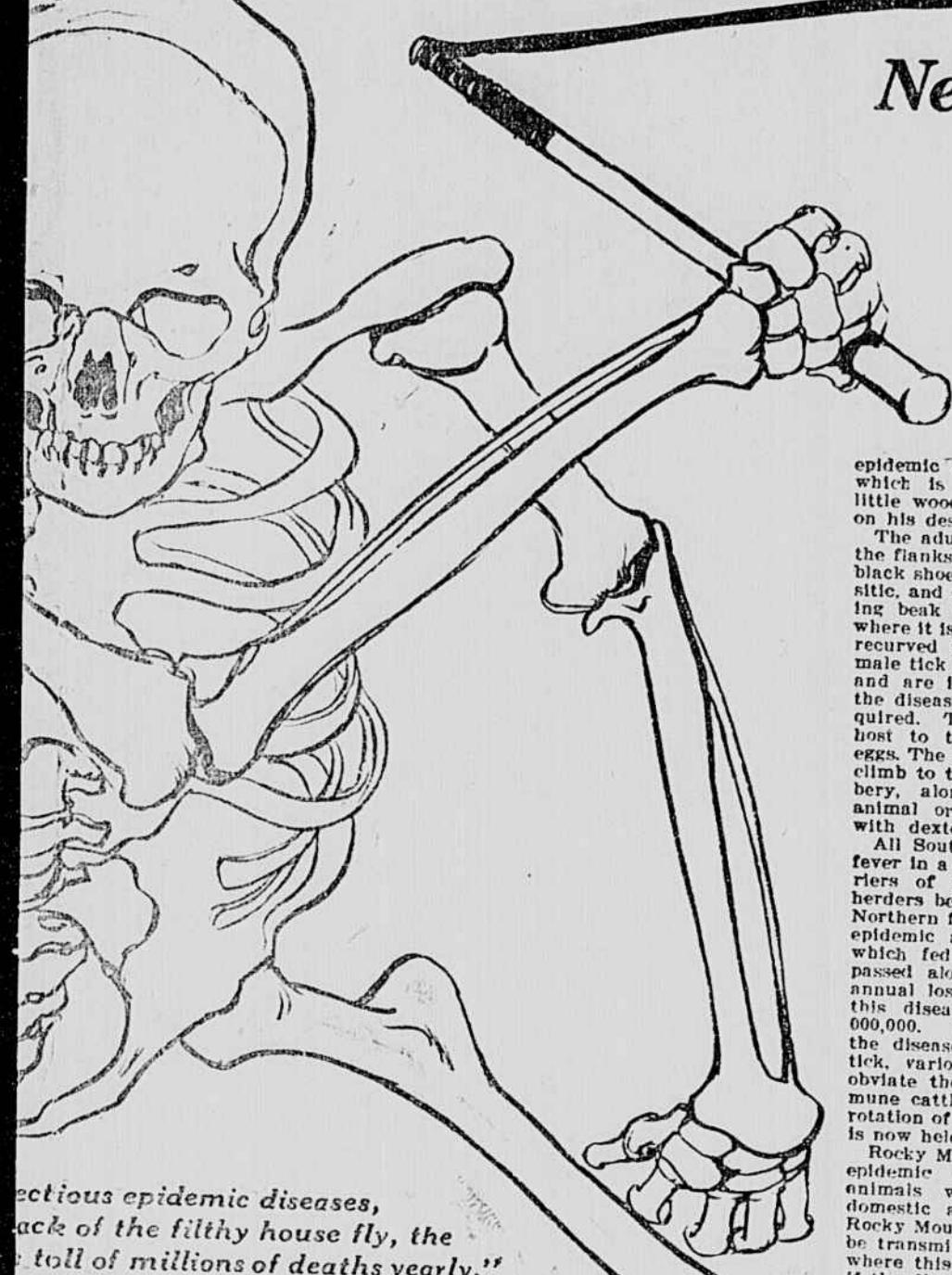


## New Scientific Experiments Which Prove That Destroying Insect Pests Is the Only Hope of Checking the Great Epidemic Diseases



ectious epidemic diseases, back of the filthy house fly, the toll of millions of deaths yearly."

### Epidemic Diseases.

DISEASE (Suspected)	VICTIM
Gangrene, Hookworm, Bubonic Plague, Typhoid, Cholera, Dysentery, Malaria, Anthrax, etc.	Man, Cattle and Sheep.
Leptospirosis, etc.	School Children, Children.

### Post, in Which the Organism Undergoes

Rocky Mountain spotted fever, Spotted fever, Dengue, Typhoid, Malaria, Cholera, etc.	Man, Child, Mammals, Goats.
Bubonic, Surra, etc.	Cattle, Man, Small Wild Mammals, Rodents, Horse, Mule, Camel, Elephant, Dog, Man and Rodents.
Surra, Infantile Paralysis, etc.	Man, Infant.
Nakana (an epidemic disease of Africa, identical with Surra of Asia), Pellagra, etc.	Man, Antelope and Wild Pig, Camel, Dog.
Infantile Paralysis, etc.	Children.
Surra, etc.	Man, Horse, Mule, Camel, Elephant, Cat, Dog.

### FEED ON MAN.

in ears or nostrils of man, Larvae burrow on him, and sometimes death of floor, Hatched larvae, etc.	Man.
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## Mexico—By Professor William H. Maccabee

of death, shows death and defeat to the rebel troops. The moon rules this house. The sign Cancer also rules this house, and as it is the opposition sign of Capricorn, the sign that rules Mexico, it clearly shows the affliction of Mars and Neptune therein the defeat, imprisonment and overthrow of the opposing forces to the Huerta Government by the invading United States troops.

Regarding the possible length of time hostilities will continue, two dates are indicated. Provided a miracle does not intervene and thus put a stop to further action, the 10th of October next will see the close of hostilities, if they are not brought about by September 20. August 14 will also be an important date favorable to the United States Army. And now let us read the decision of the stars at the time the Senate resolutions for war with Mexico were adopted—3:21 a. m., April 22. Incidentally, it is to be regretted that Mr. Wilson and his Cabinet are not believers in the science of planetary influence. Few, if any, rulers of foreign nations do it its usefulness—especially during periods which try men's souls.

Emperor William I, his son, the present ruler of the German Empire; the late Von Bismarck, the Czar of Russia, the Mikado of Japan and many others are believers in it and have their

own especial scientist to consult with in all matters of importance.

Had Mr. Wilson or any member of his Cabinet consulted an astrologer after the Senate had adopted its war resolutions, he would have learned in a very short time what might take him months to find out, and that is, at the very moment the vote by the Senate came to a close, from that moment the Huerta regime in Mexico was doomed to end.

This is shown by the one most striking and remarkable feature in the second horoscope, which is the position of Saturn in the fourth house—the end of all things. Saturn is the ruling planet of Capricorn. Capricorn rules Mexico. Saturn is in the sign Gemini. Gemini rules the United States, and its ruling planet, Mercury, is in the first house, rising in splendor and glory with the moon and "Leone," both fortunate. Hence, a schoolboy could very readily grasp the significance of this—which means the overthrow of the Mexican Government by the United States.

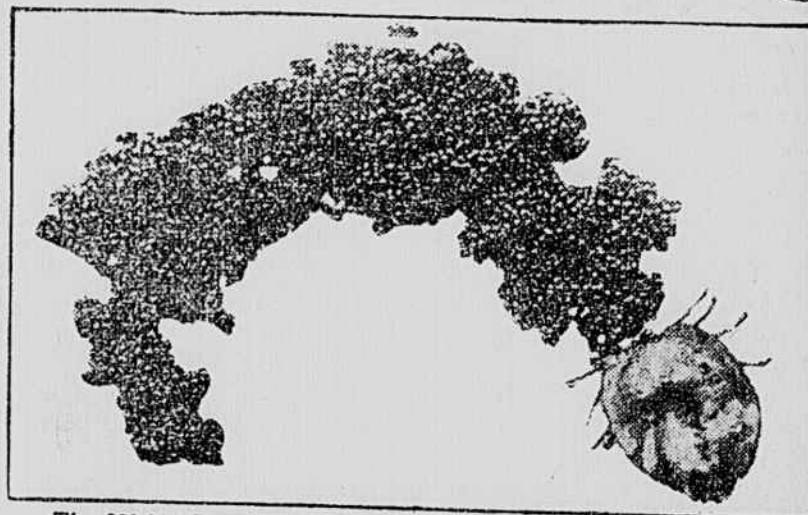
Uranus, in the twelfth, denotes the arrest and trial by court-martial of Victoriano Huerta—and, if he should escape execution, a violent death awaits him in any case. Neptune and Mars, in the fifth division, denote the death and massacre of women and children.

The "Dragon's Tail"—Cauda—in the seventh house, is a sure sign of war, but of short duration. The evil aspect of Saturn further indicates that Huerta's troops will be slaughtered, meeting with fire on all sides, aerial as well as earthly. But to sum up:

In the first horoscope the ruling sign of Japan is on the cusp of the third division. Venus, its ruler, is in the mid-heaven, division 10, in conjunction with the "Part of Fortune." Now, this aspect in no wise suggests that Japan, as a whole, will take action against the United States. Of course, you never can tell just what the wily yellow men will do. But the Square aspect of Jupiter to Venus, and the evil Uranus in conjunction with Jupiter, suggest a warning to Japan to "keep hands off."

There will be disappointments, setbacks, errors of judgment, rejections from the Capitol of plans of battle, etc., etc., made by the commanders of the invading forces; a split and a genuine riot in the Cabinet, and grave danger of impeachment to the President through the treachery of false friends.

But not until Saturn leaves the ruling sign of the United States (Gemini) will the present difficulties in Mexico come to a final close. By July 4, 1916, the United States will be in full control of affairs in the government of Mexico.



The 300,000 Eggs Laid by a Single Tick That Has Been Proved to Transmit Four Diseases and Probably Others.

directly into the tissues, eating as they go, and cause the most intense agony, or even death if not dislodged.

At the recent International Congress of Hygiene held in Washington, D. C., it was announced that Drs. Rossau, Shepperd, Brues and Richardson, of Massachusetts, had proved that the biting stable fly transmits the germ that causes acute infantile paralysis.

Biting flies, bred for the purpose, were allowed to feed on monkeys infected with human infantile paralysis, and subsequently on normal monkeys, which thereupon contracted the disease.

The biting stable fly, *Stomoxys calcitrans*, is commonly found about horses, but has the habit of entering houses before a rain. It looks much like the common house fly and its habits have given rise to the saying that flies begin to bite before it rains.

Poliomyelitis, the scientific name of the acute epidemic paralysis which has been so widespread in this country for six years, is a blood borne disease. It is also an epidemic disease of domestic animals, notably the horse. It now appears probable that the biting stable fly is the active agent in transmitting poliomyelitis from horse to man. Dr. J. V. V. Manning has announced in recent medical journals the conclusion that the bedbug, a common blood-sucking parasite of man, is the usual agent of transmission of poliomyelitis from man to man.

The doctor, at a certain stage of the search for the method of transmission of the disease, found it necessary to investigate the habits of the bedbug. The conclusions reached are summarized as follows:

"A bedbug, making an evening meal from the blood of a child in the stage of onset of infantile paralysis, and a morning meal on the blood of a healthy child asleep in the same bed, would transmit the organism of the disease to the healthy child."

"If the second meal of the bedbug was deferred for two or more weeks, during which the bug had been transported to some other environment, the germs of the disease would still be transmitted to the first person on which the bedbug fed."

It is now declared by Dr. Manning that the bedbug carries the greatest number of diseases, although the house fly causes the greatest loss of life in this country. The latest medical research has convicted the bedbug of transmitting bubonic plague, kala-azar, the terrible dumdum fever of South India; tuberculosis; leprosy and beri beri.

Recent medical reports stated that



Greatly Magnified Head of the Rat Flea, the Principal Transmitter of Bubonic Plague.

epidemics of beri beri in the jaf and native police quarters of Shanghai were checked as soon as the buildings were freed from the bug.

A study of the table which accompanies this article will reveal the fact that every insect known to transmit one blood borne disease also transmits other diseases; that every blood borne disease which has been found to be carried by a blood sucking parasite is known to be transmitted by more than one such agent.

These facts prove that the destruction, or at least the control, of insect pests is necessary for the suppression of epidemic diseases.

